

PHENIX WEEKLY PLANNING



2/5/2009
Don Lynch

Run Support & Other Ongoing Work

RPC3 Prototype install (11/15-1/31)
(Almost Done)

RPC Factory Support (continuing)

Dark Current test stand

Storage Racks with humid. Cntrl

Burn-in test stand

Tilt & Elevating transport table

Prep for 2009 Shutdown

Design PC1 East maintenance support fixtures

NCC prototype design support

VTX fabrication tooling design

VTX installation design

FVTX design/engineering support

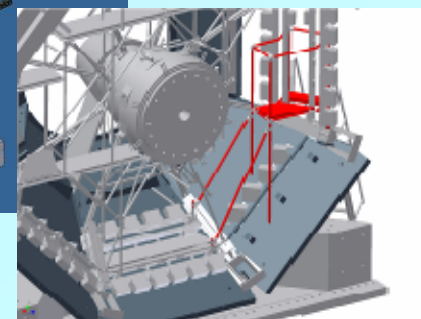
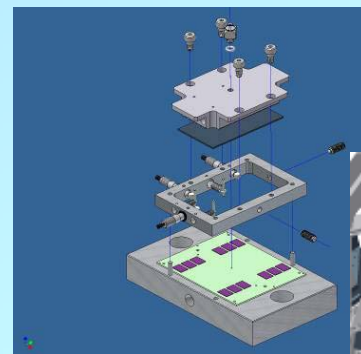
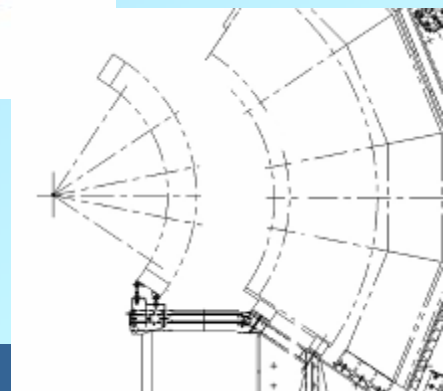
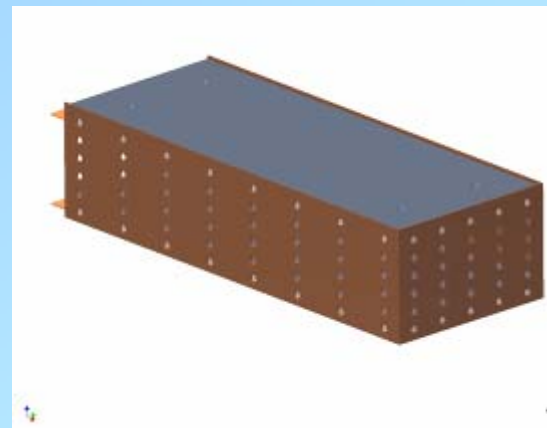
MMS Scaffolding Design

New Beampipe supports

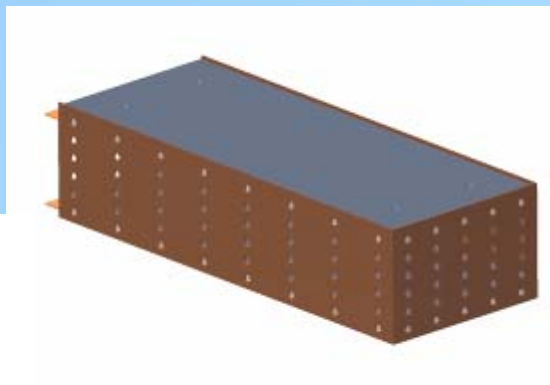
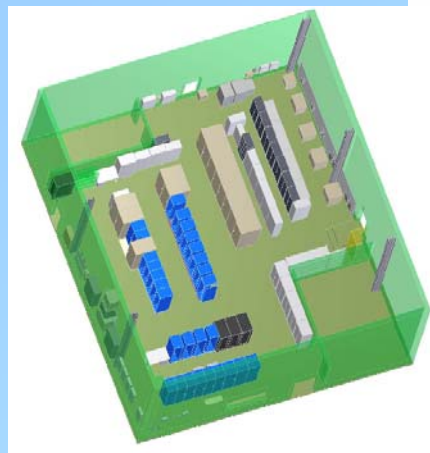
Maintenance & Overhead Tasks

Procedure Review/Updates

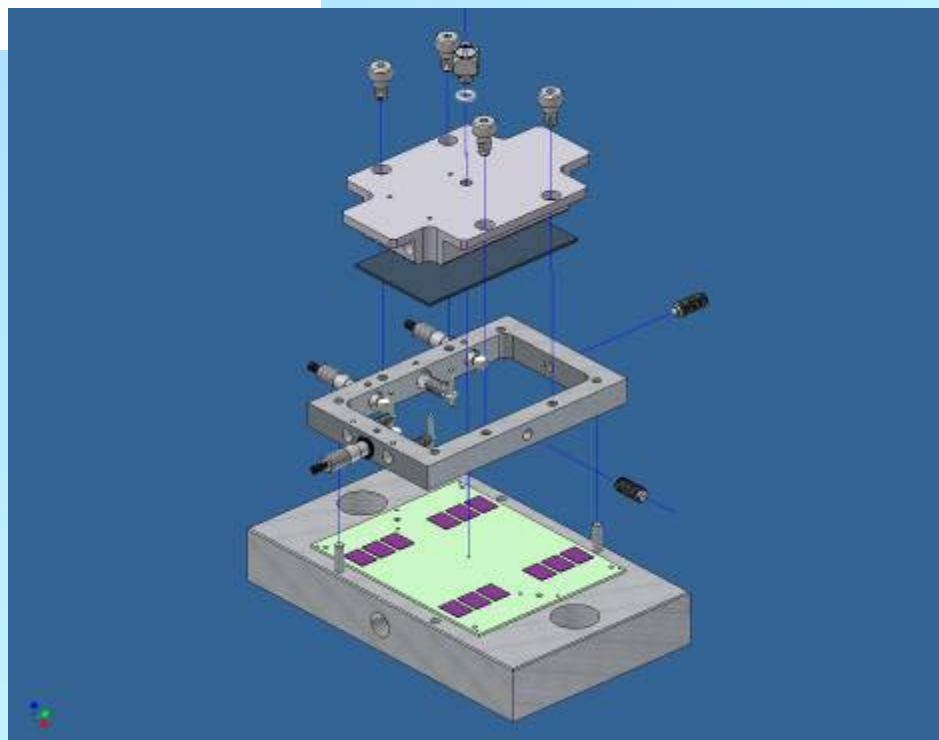
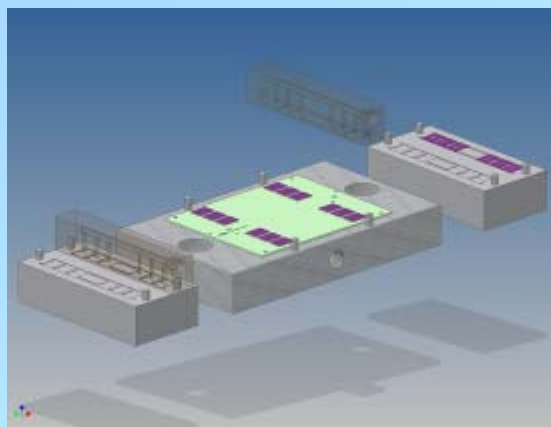
Rack Room, AH, Trailer, Mixing House, etc.



'09 Technical Support



Rack room electronics, etc.
NCC prototype design support
VTX fabrication tooling design
VTX installation design
FVTX design/engineering support



PHENIX Tech Assignments During Run 9

Carter Biggs:	Overall Tech Supervision, resource allocation RPC Installation design support
Kenny Jones:	RPC Factory Mechanical support RPC burn-in test stand design support RPC assembly/transport table design support
Mike Lenz:	New subsystem electronics support HBD mechanical support
Jim LaBounty:	IR Mechanical support for all subsystems, MMS Scaffolding design support, PC1 East repair tooling design support
Sal Pollizzo:	New Subsystems electronics support Existing subsystem electronics support
Frank Toldo:	IR Electrical support for all subsystems RPC Factory Electrical support
John Tradeski:	PHENIX Gas System support, RPC Gas system support

2009 Building Maintenance Issues

- Roof leak in utility bathroom at northwest corner behind tech offices.
- Roof leak over door between rack room and assembly hall.
- Trailer bathroom slop sink (for Custodians).
- Heat wrap tape for trailer bathroom toilet drains to prevent freeze/clogging in winter.
- New duct heater (This item is in progress and should be completed soon)
- Improved Rack Room AC performance (This item has been addressed time and again but unsatisfactorily. Currently the AC fails periodically and is repaired only to fail again. On-condition maintenance is not adequate...an engineered solution is needed.)

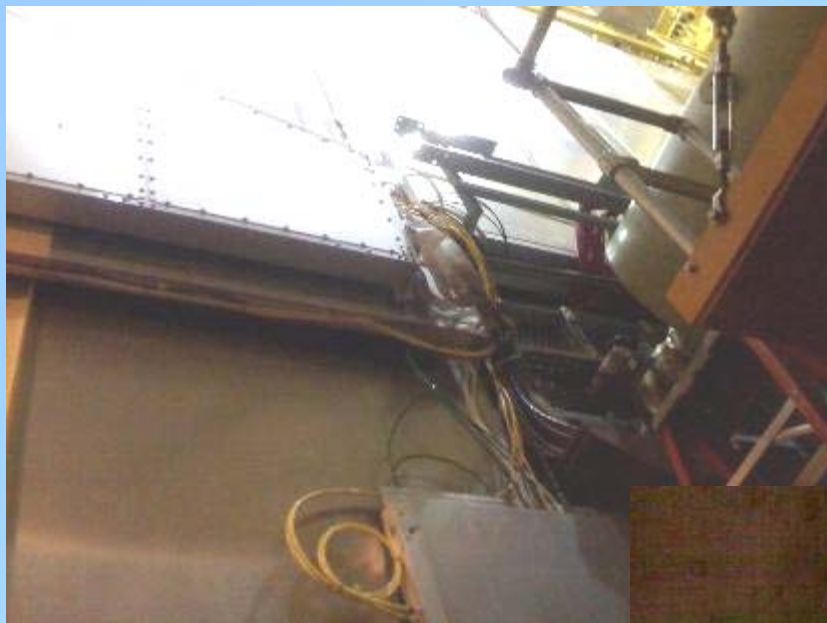






Prototype RPC Support

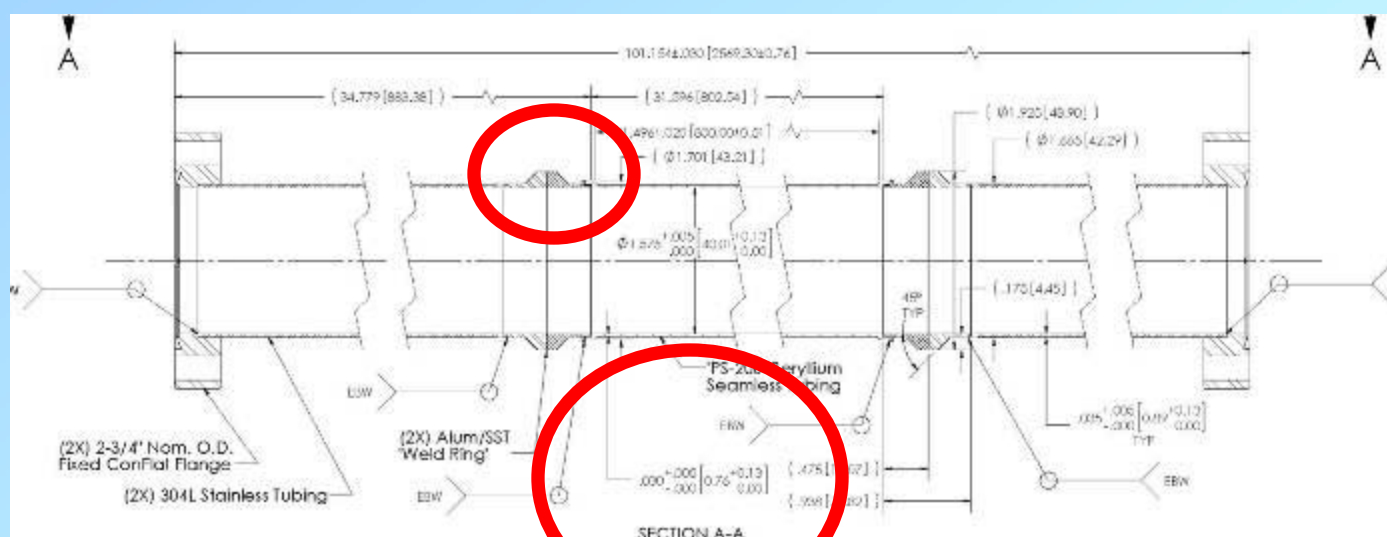
PHENIX LABORATORY



2/5/2009

PHENIX

Brush-Wellman CAP



RPC Factory Change in Scope

Received Minutes & Action Items:

Factory work permit revised draft submitted for review.

Revision to Gas Ops - Rob

Revision to HV & LV Ops - Paul

Revision to safety system checkout - Paul

Revision to assembly and test plan - Don

Revision to $\frac{1}{2}$ octant, module & gap storage plan - Don

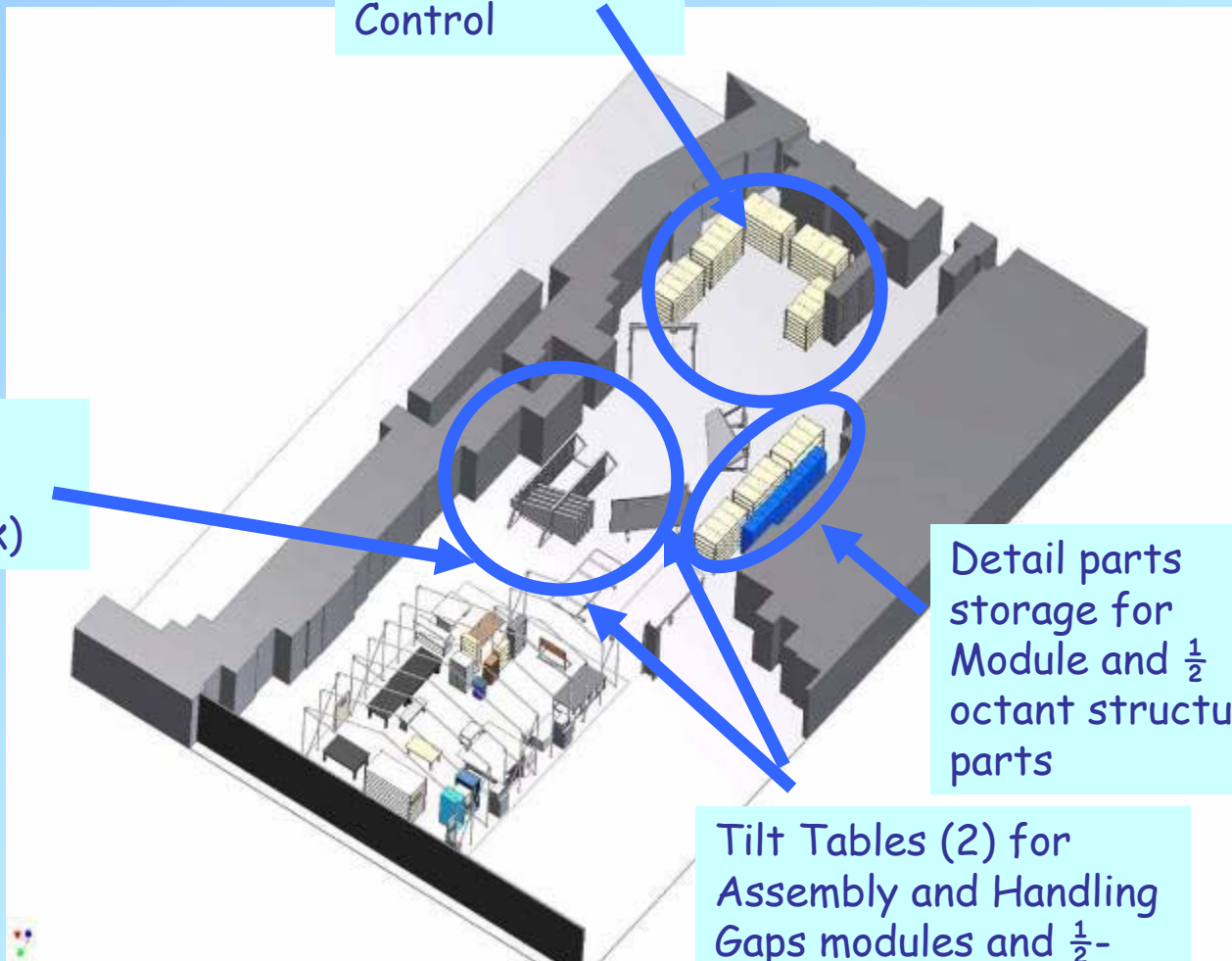
RPC Factory

Burn-in
test stand
(bicycle rack)

Module and Gap
Storage with
humidity
Control

Detail parts
storage for
Module and $\frac{1}{2}$
octant structural
parts

Tilt Tables (2) for
Assembly and Handling
Gaps modules and $\frac{1}{2}$ -
octants

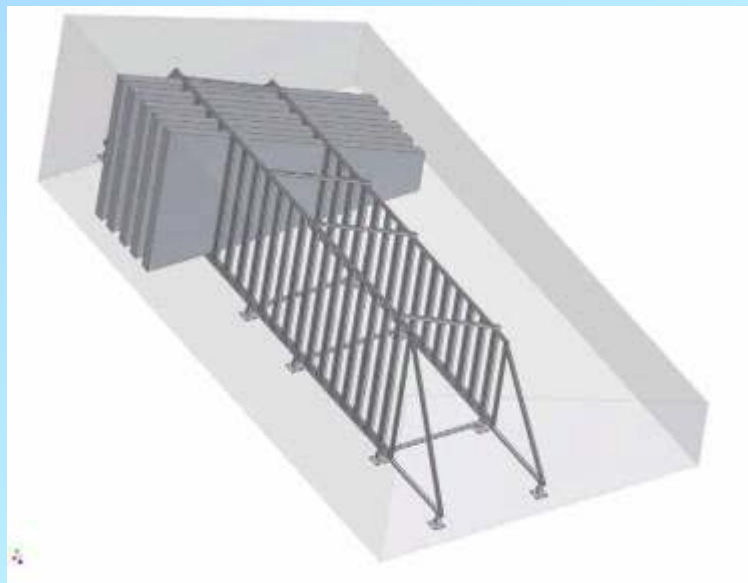


Dark Current Test Stand under construction

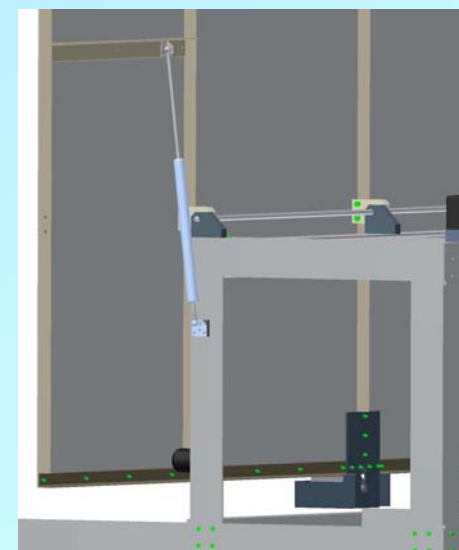
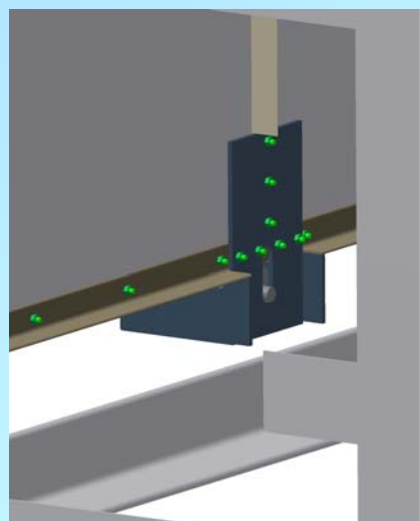
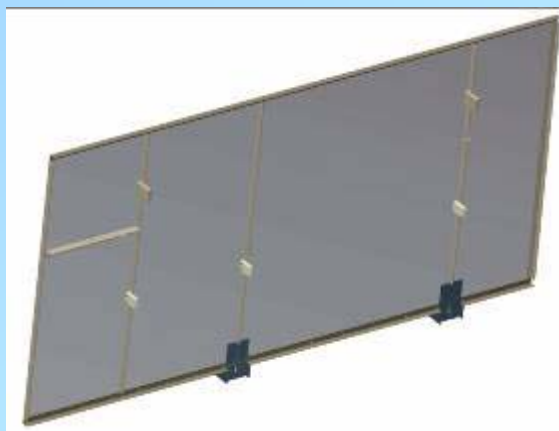
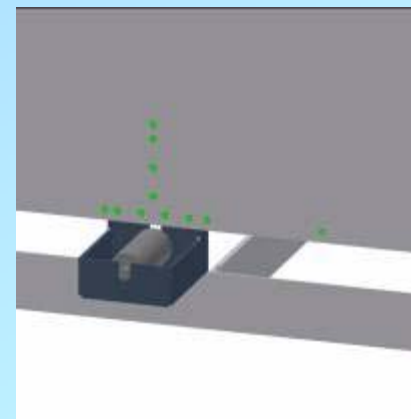


Also working on:

- a burn-in test stand for $\frac{1}{2}$ octants

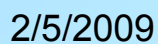


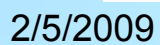
- additional storage for gaps modules and structural detail parts
- transport table/cart



PHENIX FACTORY

2/5/2009





Shutdown '09 Major tasks (expect 5 month shutdown):

- 2009 shutdown Begins April 10, or July 1, 2009 or July 15 or ?????
- End run, remove wall, MuID collars down, EC to AH (3 weeks)
- Install Station 1 South scaffolding (1 week)
- Install Station 2/3 scaffolding (2 weeks)
- PC1 East repair (4 weeks)
- Install stations 1, 2 and 3 south MuTrigger FEE's (12 weeks)
- MuTr decapacitations: station 3 south (3 weeks)
- RPC Station 3 North (12 weeks)
- Prep for future upgrades/existing equipment maintenance & Repair (as necessary)

TECHNICAL SUPPORT NOON

Safety, Security, etc.

1. EMS/OSH Audit Coming in February (ISO 14001) and (OSHAS 18001)

Independent contractors to audit training records and observe work in the field

2. Ring posted today . Any unchaperoned persons at PHENIX must have PHENIX Awareness & CA Access training. Work in tunnel areas will now require RAD Worker1 training.
3. Tunnel areas are now ODH1 posted. Cannot go into tunnel without ODH1 training (web & practical), medical clearance, O2 monitor, and escape pack. C-A has an OPM for escorting untrained persons into ODH1 areas. Essentially requires approval of ESSHQ Division head, and requires the escorter to provide equivalent training to escorted person(s). Escorted persons will need O2 monitor and escape pak. Consider this an extreme exception. At PHENIX we will require full ODH1 training for all persons except under the most unique conditions. (e.g. President Obama comes to visit).

Where To Find PHENIX Engineering Info

TECHNICAL SUPPORT 2009

Super Bowl XLIII Last Sunday

Pittsburgh 27 Arizona 23

My prediction was:

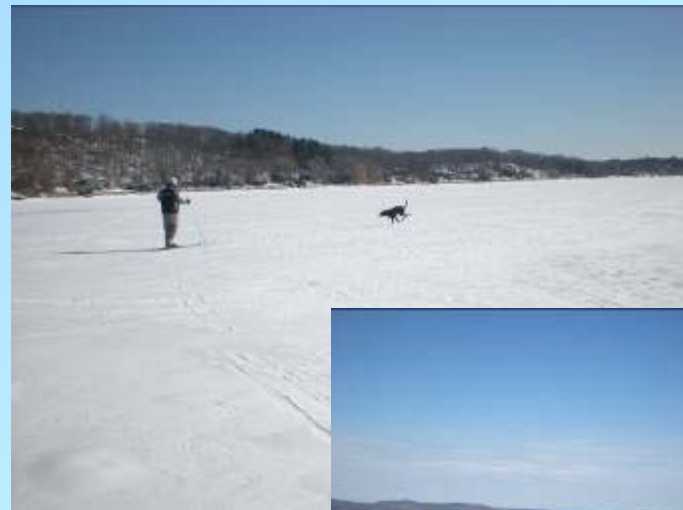
Arizona 24 Pittsburgh 20



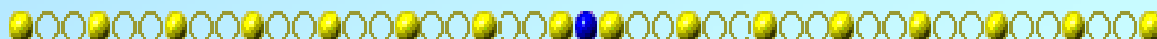
Point spread at kickoff was Pittsburgh Giving 7, so I will claim this as a victory.

No more football, 2 months until Baseball, nobody cares About Basketball and Hockey until the playoffs so...

Skiing anyone?



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:



http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm